


JC675 U.S. PTO  
**09/678395**  
  
 10/03/00

250	306
Class	Subclass
ISSUE CLASSIFICATION	

PATENT NUMBER  
**6630665**



**6630665**

U.S. **UTILITY** Patent Application

3B O.I.P.E. SCANNED <u>Q.A. CS</u>	PATENT DATE OCT 07 2003
--	----------------------------

APPLICATION NO. 09/678395	CONT/PRIOR	CLASS 250	SUBCLASS 306	ART UNIT 2881	EXAMINER A. J. [illegible]
------------------------------	------------	--------------	-----------------	------------------	-------------------------------

TITLE	APPLICANTS
1. <b>Chairman</b>	1. <b>Mr. J. H. ...</b>
2. <b>Vice Chairman</b>	2. <b>Mr. J. H. ...</b>
3. <b>Secretary</b>	3. <b>Mr. J. H. ...</b>
4. <b>Treasurer</b>	4. <b>Mr. J. H. ...</b>
5. <b>Member</b>	5. <b>Mr. J. H. ...</b>
6. <b>Member</b>	6. <b>Mr. J. H. ...</b>
7. <b>Member</b>	7. <b>Mr. J. H. ...</b>
8. <b>Member</b>	8. <b>Mr. J. H. ...</b>
9. <b>Member</b>	9. <b>Mr. J. H. ...</b>
10. <b>Member</b>	10. <b>Mr. J. H. ...</b>
11. <b>Member</b>	11. <b>Mr. J. H. ...</b>
12. <b>Member</b>	12. <b>Mr. J. H. ...</b>
13. <b>Member</b>	13. <b>Mr. J. H. ...</b>
14. <b>Member</b>	14. <b>Mr. J. H. ...</b>
15. <b>Member</b>	15. <b>Mr. J. H. ...</b>
16. <b>Member</b>	16. <b>Mr. J. H. ...</b>
17. <b>Member</b>	17. <b>Mr. J. H. ...</b>
18. <b>Member</b>	18. <b>Mr. J. H. ...</b>
19. <b>Member</b>	19. <b>Mr. J. H. ...</b>
20. <b>Member</b>	20. <b>Mr. J. H. ...</b>
21. <b>Member</b>	21. <b>Mr. J. H. ...</b>
22. <b>Member</b>	22. <b>Mr. J. H. ...</b>
23. <b>Member</b>	23. <b>Mr. J. H. ...</b>
24. <b>Member</b>	24. <b>Mr. J. H. ...</b>
25. <b>Member</b>	25. <b>Mr. J. H. ...</b>
26. <b>Member</b>	26. <b>Mr. J. H. ...</b>
27. <b>Member</b>	27. <b>Mr. J. H. ...</b>
28. <b>Member</b>	28. <b>Mr. J. H. ...</b>
29. <b>Member</b>	29. <b>Mr. J. H. ...</b>
30. <b>Member</b>	30. <b>Mr. J. H. ...</b>
31. <b>Member</b>	31. <b>Mr. J. H. ...</b>
32. <b>Member</b>	32. <b>Mr. J. H. ...</b>
33. <b>Member</b>	33. <b>Mr. J. H. ...</b>
34. <b>Member</b>	34. <b>Mr. J. H. ...</b>
35. <b>Member</b>	35. <b>Mr. J. H. ...</b>
36. <b>Member</b>	36. <b>Mr. J. H. ...</b>
37. <b>Member</b>	37. <b>Mr. J. H. ...</b>
38. <b>Member</b>	38. <b>Mr. J. H. ...</b>
39. <b>Member</b>	39. <b>Mr. J. H. ...</b>
40. <b>Member</b>	40. <b>Mr. J. H. ...</b>
41. <b>Member</b>	41. <b>Mr. J. H. ...</b>
42. <b>Member</b>	42. <b>Mr. J. H. ...</b>
43. <b>Member</b>	43. <b>Mr. J. H. ...</b>
44. <b>Member</b>	44. <b>Mr. J. H. ...</b>
45. <b>Member</b>	45. <b>Mr. J. H. ...</b>
46. <b>Member</b>	46. <b>Mr. J. H. ...</b>
47. <b>Member</b>	47. <b>Mr. J. H. ...</b>
48. <b>Member</b>	48. <b>Mr. J. H. ...</b>
49. <b>Member</b>	49. <b>Mr. J. H. ...</b>
50. <b>Member</b>	50. <b>Mr. J. H. ...</b>
51. <b>Member</b>	51. <b>Mr. J. H. ...</b>
52. <b>Member</b>	52. <b>Mr. J. H. ...</b>
53. <b>Member</b>	53. <b>Mr. J. H. ...</b>
54. <b>Member</b>	54. <b>Mr. J. H. ...</b>
55. <b>Member</b>	55. <b>Mr. J. H. ...</b>
56. <b>Member</b>	56. <b>Mr. J. H. ...</b>
57. <b>Member</b>	57. <b>Mr. J. H. ...</b>
58. <b>Member</b>	58. <b>Mr. J. H. ...</b>
59. <b>Member</b>	59. <b>Mr. J. H. ...</b>
60. <b>Member</b>	60. <b>Mr. J. H. ...</b>
61. <b>Member</b>	61. <b>Mr. J. H. ...</b>
62. <b>Member</b>	62. <b>Mr. J. H. ...</b>
63. <b>Member</b>	63. <b>Mr. J. H. ...</b>
64. <b>Member</b>	64. <b>Mr. J. H. ...</b>
65. <b>Member</b>	65. <b>Mr. J. H. ...</b>
66. <b>Member</b>	66. <b>Mr. J. H. ...</b>
67. <b>Member</b>	67. <b>Mr. J. H. ...</b>
68. <b>Member</b>	68. <b>Mr. J. H. ...</b>
69. <b>Member</b>	69. <b>Mr. J. H. ...</b>
70. <b>Member</b>	70. <b>Mr. J. H. ...</b>
71. <b>Member</b>	71. <b>Mr. J. H. ...</b>
72. <b>Member</b>	72. <b>Mr. J. H. ...</b>
73. <b>Member</b>	73. <b>Mr. J. H. ...</b>
74. <b>Member</b>	74. <b>Mr. J. H. ...</b>
75. <b>Member</b>	75. <b>Mr. J. H. ...</b>
76. <b>Member</b>	76. <b>Mr. J. H. ...</b>
77. <b>Member</b>	77. <b>Mr. J. H. ...</b>
78. <b>Member</b>	78. <b>Mr. J. H. ...</b>
79. <b>Member</b>	79. <b>Mr. J. H. ...</b>
80. <b>Member</b>	80. <b>Mr. J. H. ...</b>
81. <b>Member</b>	81. <b>Mr. J. H. ...</b>
82. <b>Member</b>	82. <b>Mr. J. H. ...</b>
83. <b>Member</b>	83. <b>Mr. J. H. ...</b>
84. <b>Member</b>	84. <b>Mr. J. H. ...</b>
85. <b>Member</b>	85. <b>Mr. J. H. ...</b>
86. <b>Member</b>	86. <b>Mr. J. H. ...</b>
87. <b>Member</b>	87. <b>Mr. J. H. ...</b>
88. <b>Member</b>	88. <b>Mr. J. H. ...</b>
89. <b>Member</b>	89. <b>Mr. J. H. ...</b>
90. <b>Member</b>	90. <b>Mr. J. H. ...</b>
91. <b>Member</b>	91. <b>Mr. J. H. ...</b>
92. <b>Member</b>	92. <b>Mr. J. H. ...</b>
93. <b>Member</b>	93. <b>Mr. J. H. ...</b>
94. <b>Member</b>	94. <b>Mr. J. H. ...</b>
95. <b>Member</b>	95. <b>Mr. J.</b>

Scott Tanner ✓  
Dmitry Bandura  
Vladimir Baranov

Device and method for preventing ion source gases from entering reaction/collision cells in mass spectrometry

PTO-2040  
12/99[illegible]

8/21/03 Formal Drawings (7 shts) set 1 8/19/03

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>			<b>CLAIMS ALLOWED</b>	
	Sheets Drwg. <u>7</u>	Figs Drwg. <u>11</u>	Print Fig. <u>4</u>	Total Claims <u>10</u>	Print Claim for O.G. <u>1</u>
<input type="checkbox"/> The term of this patent subsequent to _____ (date) has been disclaimed.	<u>ZIA R. HASHMI</u> (Assistant Examiner)			<b>NOTICE OF ALLOWANCE MAILED</b> <u>10/23/02</u> (Date)	
<input type="checkbox"/> The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	<b>BRUCE ANDERSON</b> <b>PRIMARY EXAMINER</b>			<b>ISSUE FEE</b> <u>GR</u>	
	<u>Bruce Anderson</u> (Primary Examiner)			Amount Due <u>\$1,280.00</u>	Date Paid <u>1.23.03</u>
<input type="checkbox"/> The terminal _____ months of this patent have been disclaimed.	<u>Dorothy Bell</u> (Legal Instruments Examiner)			<b>ISSUE BATCH NUMBER</b> <u>103012</u> (Date)	
<b>WARNING:</b> The information disclosed herein may be restricted. Unauthorized disclosure may be prohibited by the United States Code Title 35, Sections 122, 181 and 368. Possession outside the U.S. Patent & Trademark Office is restricted to authorized employees and contractors only.					

Form PTO-436A  
(Rev. 6/99)

FILED WITH: ☐ DISK (CRF) ☐ FICHE ☐ CD-ROM  
(Attached in pocket on right inside flap)

ISSUE FEE IN FILE

(FACE)

**BEST AVAILABLE COPY**